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**From:** Kolosseus, Andrew (ECY) [AKOL461@ECY.WA.GOV]  
**Sent:** 12/20/2018 10:50:39 PM  
**To:** Hodgkiss, Miranda [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=9d441ddb44ac4ed486058d2c2690b977-Hodgkiss, Miranda]  
**Subject:** RE: Hatchery

Regarding timeframe, I don't know. I'll ask our new hatchery permit manager. We have not received an application.

Yes, I understand the temperature details – kept it simple for this particular document.

Andrew Kolosseus  
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PO Box 47775  
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(360) 407-7543

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**From:** Hodgkiss, Miranda [mailto:Hodgkiss.Miranda@epa.gov]  
**Sent:** Wednesday, December 19, 2018 3:56 PM  
**To:** Kolosseus, Andrew (ECY) <AKOL461@ECY.WA.GOV>  
**Subject:** RE: Hatchery

Thanks for sharing, Andrew. It's helpful to see what you are thinking in terms of permitting for the hatchery. It does seem to be in line with what I've seen and expected for the permit. We will keep it in mind as we are developing the TMDLs for DO and bacteria at that location. If EPA were to give WLAs where there aren't currently any, the permit could be re-opened and modified to include those at that time. Do you know what the timeframe for issuing the permit is?

I don't think this is super important for this case, since the hatchery discharges to the Deschutes River, but I did want to point out a small difference in regards to this statement: "EPA approved an Ecology TMDL for temperature in the Deschutes River in July 2018. At the same time, EPA disapproved Ecology's TMDL submittal for the other parameters; EPA is now writing a TMDL to cover the parameters they disapproved." We approved temperature for Deschutes River, Percival Creek, and Black Lake Ditch, but we did disapprove the other five temperature impaired tributaries from Ecology's submittal, since they didn't have loadings.

Thanks,

Miranda Hodgkiss  
Office of Water and Watersheds  
U.S. EPA Region 10  
(206) 553-0692  
[hodgkiss.miranda@epa.gov](mailto:hodgkiss.miranda@epa.gov)

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**From:** Kolosseus, Andrew (ECY) <AKOL461@ECY.WA.GOV>  
**Sent:** Monday, December 17, 2018 1:59 PM  
**To:** Hodgkiss, Miranda <[Hodgkiss.Miranda@epa.gov](mailto:Hodgkiss.Miranda@epa.gov)>  
**Subject:** Hatchery

Miranda,

FYI, in case you find this helpful. I put together a summary of the WQ/TMDL issues in the Deschutes River as they interact with the proposed hatchery. It's for our new hatchery permit writer, but thought it might be helpful for you as either background information or to understand how we're looking at things in case it varies considerably from your interpretation.

Andrew

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